

Title (en)

Milling apparatus and method for obtaining a milled hole

Title (de)

Fräsvorrichtung und Verfahren zum Erstellen eines Fräslochs

Title (fr)

Appareil de fraisage et méthode d'obtention d'un trou fraisé

Publication

EP 1626127 A1 20060215 (DE)

Application

EP 04018932 A 20040810

Priority

EP 04018932 A 20040810

Abstract (en)

The apparatus has a support on which are mounted in rotary manner about in each case a cutting wheel rotation axis. Two cutting wheels and a cutting wheel drive mechanism provide the rotary driving of the cutting wheels on the support. A drive mechanism is provided for the rotary driving of the support together with the cutting wheel about a support rotation axis and directed roughly parallel to the sinking direction (T). A pivot device is provided for pivoting movement of the cutting wheels such that it is upwardly pivotable on the support. The support is located on a tube linkage. An independent claim is included for method for obtaining a milled hole.

IPC 8 full level

E02D 17/13 (2006.01); **E02F 3/20** (2006.01)

CPC (source: EP US)

E02D 17/13 (2013.01 - EP US); **E02F 3/205** (2013.01 - EP US)

Citation (applicant)

- EP 0735199 B1 20010704 - BAUER SPEZIALTIEFBAU [DE]
- EP 0819819 B1 20031001 - BAUER MASCHINEN GMBH [DE]

Citation (search report)

- [XY] US 4629010 A 19861216 - SOURICE CLAUDE [FR]
- [YA] US 4904119 A 19900227 - LEGENDRE YVES [FR], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 404 (M - 1646) 28 July 1994 (1994-07-28)

Cited by

FR2944299A1; WO2010116081A1; EP2417304B1

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DOCDB simple family (application)

EP 04018932 A 20040810; CA 2512756 A 20050721; CN 200510092616 A 20050810; DE 502004005270 T 20040810; JP 2005229892 A 20050808; RU 2005124849 A 20050804; US 18981505 A 20050727